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Serial Number: 10/774,091

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US 6276885 B1	20010821	Bicycle crank arm parts/assembly and assembly tools	411/403		Yamanaka; Masahiro
US 6276231 B1	20010821	Grip for a bicycle shift control device	74/551.9	74/489	Yamane; Takuro
US 6276227 B1	20010821	Bicycle shift control device	74/489	474/166; 474/80; 74/502.2; 74/506	Ose; Kenji
US 6244415 B1	20010612	Motor controlled shift	192/217	474/70; 74/473.14	Fujii; Kazuhiro

		control device including an idler gear for a bicycle transmission			
US 6227070 B1	20010508	Bicycle crank and method for manufacturing same	74/594.1	29/897.2	Mizobe; Eiji et al.
US 6227069 B1	20010508	Grip for a bicycle shift control device	74/551.9	16/411; 74/489	Yamane; Takuro
US 6227068 B1	20010508	Bicycle control device having a rotatable dial	74/473.3	200/61.85	Masui; Takuji et al.
US 6216078 B1	20010410	Electrical operating device for bicycles	701/70	188/24.11; 340/427; 340/432	Jinbo; Masahiko et al.
US 6216060 B1	20010410	Bicycle display apparatus switchable into diagnostic modes	701/1	340/427; 340/432; 340/438; 340/439; 701/49	Kishimoto; Hitoshi
US 6213910 B1	20010410	Bicycle antitheft control device, shifting device and shifting system	475/297	340/427; 340/432; 70/233	Matsuo; Nobuyuki et al.
US 6212972 B1	20010410	Grip for a bicycle shift control device	74/551.9	16/421; 74/489	Yamane; Takuro
US 6209858 B1	20010403	Bicycle shock absorber linked together through first and second annular members	267/201	267/279; 267/292; 280/259	Fujii; Kazuhiro
US 6206799 B1	20010327	Bicycle antitheft control device, shifting device and shifting system	475/297	70/233	Matsuo; Nobuyuki et al.
US 6206151	20010327	Ventilated pad	188/250B	188/250G;	Nakamura;

B1		for a bicycle disc brake		188/73.1	Yasushi
US RE37099 E	20010320	Brake apparatus for a bicycle	188/24.14	74/388R	Hanada; Mitsugu
US 6202813 B1	20010320	Pawl noise dampening mechanism for a bicycle freewheel	192/64	192/46; 74/576	Yahata; Yasuhiro et al.
US 6199446 B1	20010313	Indicator unit for a bicycle shift control device	74/502.2	116/28.1; 116/284; 74/107; 74/109; 74/473.14; 74/489; 74/DIG.7	Ose; Kenji
US 6195894 B1	20010306	Bicycle crank and method for manufacturing same	29/897.2	164/132; 164/98; 29/527.3; 29/527.5; 29/527.6; 74/594.1	Mizobe; Eiji et al.
US 6192300 B1	20010220	Bicycle computer	701/1	340/432	Watarai; Etsuyoshi et al.
US 6178631 B1	20010130	Method of heating and quenching a hollow metal member	29/857	74/594.1	Tanabe; Shin et al.
US 6176798 B1	20010123	Multiple sprocket assembly for a bicycle	474/160	474/902	Nakamura; Yasushi
US 6164682 A	20001226	Snowboard binding	280/613	280/14.22	Okajima; Shinpei et al.
US 6164677 A	20001226	Bicycle antitheft control device, shifting device and shifting system	280/297	280/288.4; 70/233	Matsuo; Nobuyuki et al.
US 6162140 A	20001219	Motor driven derailleur	474/70	474/80; 474/81	Fukuda; Masahiko
US 6159119 A	20001212	Gas actuating mechanism for	474/80	474/78	Nakamura; Yasushi et al.

		a bicycle derailleur			
US 6155383 A	20001205	Bicycle brake device	188/24.12	188/24.15	Sugimoto; Masanori
US 6152847 A	20001128	Bicycle antitheft control device, shifting device and shifting system	475/158	280/288.4; 475/298	Matsuo; Nobuyuki et al.
US 6149541 A	20001121	Gas actuated derailleur having an indexing mechanism for setting a chain guide in a plurality of fixed positions	474/80	474/122	Nakamura; Yasushi et al.
US 6149176 A	20001121	Bicycle shock absorber with multilayered shock absorbing members	280/284	192/209; 280/259; 74/594.1	Fujii; Kazuhiro
US 6146297 A	20001114	Bicycle automatic shift control device with varying shift speeds	474/78	280/238	Kimura; Yoshiki
US 6145184 A	20001114	Method of manufacturing hollow bicycle crank arm	29/527.6	164/132; 29/557; 29/897.2	Yamanaka; Masahiro
US 6135906 A	20001024	Gas actuating device with an exhaust passage that prevents contamination of an actuating member	474/82	474/104; 474/110; 91/433; 91/442	Ichida; Tadashi
US 6135905 A	20001024	Derailleur cable router with a cable housing support that	474/82	180/231; 474/80	Soon; Yeo Yong

		pivots in multiple directions			
US 6135474 A	20001024	Vehicle frame	280/216	280/288.3	Nakamura; Yasushi
US 6134980 A	20001024	Internal bicycle hub transmission having an operating unit disposed inboard of the free end of an axle	74/473.14	192/217.4; 475/297; 475/298; 74/502	Uchiyama; Yuzuru
US D432056 S	20001017	Bicycle rear derailleur	D12/124		Hanamura; Junichi
US 6128973 A	20001010	Bicycle pedal system having variable tread surfaces	74/594.6	403/24; 74/594.4; D12/125	Nagano; Masashi
US 6117032 A	20000912	Protective plate for bicycle chain	474/80	474/69	Nankou; Yoshiaki
US RE36830 E	20000822	Low-friction derailleur cable router	474/79	474/80	Lumpkin; Wayne R.
US 6104975 A	20000815	Method and apparatus for calculating a pseudo crank rotational speed for a bicycle	701/93	474/70; 701/55	Matsuo; Nobuyuki
US 6102821 A	20000815	Multiple sprocket assembly for a bicycle	474/160	474/164	Nakamura; Yasushi
US 6101895 A	20000815	Grip for a bicycle shift control device	74/551.9	74/489	Yamane; Takuro
US 6089122 A	20000718	Connecting structure between bicycle pedal and cleat, bicycle pedal and cleat	74/594.6	36/131	Nagano; Masashi

US 6084506 A	20000704	Display apparatus for a bicycle	340/432	345/33; 715/764	Irie; Yoshinori
US 6083136 A	20000704	Bicycle hub transmission with a shift key that is axially immovable relative to a clutch member	475/297		Shoge; Akihiko
US 6079294 A	20000627	Bicycle crank and method for manufacturing same	74/594.1		Mizobe; Eiji
US 6073730 A	20000613	Bicycle switch and bracket cover therefor	188/24.11	340/432; 74/489	Abe; Takeo
US 6073061 A	20000606	Bicycle operating method using predicted values	701/1	280/260	Kimura; Yoshiki
US 6069788 A	20000530	Foldable bicycle computer	361/683	324/160; D10/98	Masui; Takuji
US 6066057 A	20000523	Gas actuated derailleur having an indexing mechanism for setting a chain guide in a plurality of fixed positions	474/79	280/216; 474/104; 474/82	Nakamura; Yasushi et al.
US 6059171 A	20000509	Bicycle crank and manufacturing method	228/164	228/125; 74/594.1; 74/594.2	Yamanaka; Masahiro et al.
US 6058803 A	20000509	Hollow bicycle crank and method for manufacturing same	74/594.1	280/259; 29/897.2; D12/123	Yamanaka; Masahiro
US 6057657 A	20000502	Magnetically operated bicycle antitheft device	318/16	318/520; 70/233	Kitamura; Satoshi

US 6039665 A	20000321	Multiple sprocket assembly for a bicycle	474/157	474/160	Nakamura; Yasushi
US 6039153 A	20000321	Bicycle brake with link-adjusted brake shoes	188/24.22	188/24.19; 74/522	Sugimoto; Masanori
US 6035558 A	20000314	Snowboard boot	36/117.1	36/117.2; 36/118.2; 36/89; 36/93	Okajima; Shinpei
US 6030307 A	20000229	Rear derailleur with a cable guide roller	474/175	474/179	Oka; Mitsuo
US 6030052 A	20000229	Bicycle hub shell with removable flanges	301/110.5	301/124.2; 301/59	Watarai; Etsuyoshi et al.
US 6015159 A	20000118	Method and apparatus for shifting a bicycle transmission	280/238	280/236; 280/260; 474/103; 474/70	Matsuo; Nobuyuki
US 6015118 A	20000118	Control cable guide for a bicycle	248/65	280/288.4; 74/502.2	Oda; Hiromi
US 6015036 A	20000118	Electrical shift control device for a bicycle transmission	192/217	192/226	Fukuda; Masahiko
US 6014913 A	20000118	Hollow crank spindle unit for bicycles	74/594.1	384/545	Masahiro; Yamanaka
US 6014910 A	20000118	Protective cap-system for bicycle cable	74/502.6	74/500.5; 74/501.5R; 74/502.4	Oda; Hiromi et al.
US 6013005 A	20000111	Bicycle hub transmission with a cylindrical bolt for coupling a weight support to a hub shell	475/259	192/105CE; 192/3.52	Tabe; Koshi
US 6013001 A	20000111	Bicycle sprocket having recesses	474/160	474/156; 474/164	Miyoshi; Hiroyuki

		beneath chain receiving edges			
US 6012353 A	20000111	Gear position sensing unit	74/502.2	74/473.13; 74/473.28; 74/488	Kawakami; Tatsuya
US 6012237 A	20000111	Multiple jointed back support system for a snowboard boot	36/118.2	36/117.1; 36/118.9	Okajima; Shinpei et al.
US 6010425 A	20000104	Automatic bicycle hub transmission using flyweights	475/259	192/64	Tabe; Koshi
US 6004240 A	19991221	Bicycle hub transmission having a two-piece driver	475/259	192/64	Tabe; Koshi
US 5988325 A	19991123	Bicycle brake	188/24.11	188/24.14; 188/26; 74/388R	Matsueda; Keiji
US 5967937 A	19991019	Motorized shift assist control apparatus for bicycle transmission	475/297	475/298	Matsuo; Nobuyuki
US 5964679 A	19991012	Internally mounted bicycle transmission using roller clutches	475/297	475/296; 475/298	Matsuo; Nobuyuki et al.
US 5964678 A	19991012	Internally mounted bicycle transmission	475/297	192/217.4; 475/298	Hanada; Mitsugu et al.
US 5961416 A	19991005	Internally mounted bicycle transmission	475/297	192/217	Shoge; Akihiko
US 5961409 A	19991005	Rear derailleur for a bicycle	474/82	474/80	Ando; Yoshiaki
US 5957792 A	19990928	Cable support for a derailleur	474/83	474/127	Ando; Yoshiaki

US 5957592 A	19990928	Expandable bearing retainer	384/526	384/531	Yamanaka; Masahiro
US 5954604 A	19990921	Multiple sprocket assembly for a bicycle	474/160	474/158; 474/78	Nakamura; Yasushi
US 5950335 A	19990914	Snowboard boots	36/115	36/50.5; 36/55; 36/89; 36/91	Okajima; Shinpei
US 5945794 A	19990831	Power saving antitheft control device for a bicycle	318/16	318/520	Kitamura; Satoshi
US 5941125 A	19990824	Bicycle shifting apparatus having remotely located levers for operating a single transmission	74/473.14	74/480R; 74/489; 74/502.2	Watarai; Etsuyoshi et al.
US 5931753 A	19990803	Rear derailleur with shock absorber	474/82	474/80	Ichida; Tadashi
US 5928103 A	19990727	Internal bicycle hub transmission with a clutch that rotates and moves axially	475/297		Shoge; Akihiko
US 5924328 A	19990720	Braking device for bicycles	74/489	188/2D; 74/502.2	Okajima; Shinpei et al.
US 5921881 A	19990713	Narrow bicycle chain with inner links that receive sprocket teeth within a bottom recess	474/217	474/157; 474/220; 474/229	Nakamura; Yasushi
US 5921139 A	19990713	Bicycle shift control device	74/473.13	74/143; 74/489; 74/505	Yamane; Takuro
US 5921138 A	19990713	Bicycle shift device having a linearly	74/473.13	74/473.14; 74/489; 74/502.2	Kojima; Masao et al.

		sliding shift lever			
US 5919106 A	19990706	Quick release derailleur	474/82	474/78	Ichida; Tadashi
US 5915821 A	19990629	Snowboard boot	36/117.1	36/118.2; 36/118.7; 36/118.8; 36/118.9	Okajima; Shinpei et al.
US 5913388 A	19990622	Bicycle brake device	188/24.22	188/24.12; 188/24.15	Ota; Katsuyuki et al.
US 5909931 A	19990608	Bicycle hub	301/110.5		Tabe; Koshi
US 5908089 A	19990601	Cantilever brake device	188/24.21	188/2D; 188/24.19	Sugimoto; Masanori
US 5907980 A	19990601	Bicycle crank arm parts/assembly and assembly tools	74/594.1	411/302; 81/436	Yamanaka; Masahiro
US 5904629 A	19990518	Rear derailleur with a cable guide roller and a pivoting cable casing support	474/78	180/231; 474/82	Oka; Mitsuo
US 5903214 A	19990511	Bicycle display apparatus	340/432	200/61.85; 200/61.88; 200/61.91; 324/207.2; 324/207.25; 340/456; 340/461; 340/525; 74/473.1	Watarai; Etsuyoshi
US 5900705 A	19990504	Motor control device for a bicycle	318/286	180/221; 318/2; 70/233	Kimura; Yoshiki
US 5897451 A	19990427	Bicycle derailleur having operating forces disposed on opposite sides of a link pivot	474/82	474/78; 474/80	Ichida; Tadashi
US 5894759	19990420	Bicycle shift	74/473.13	74/480R;	Nakamura;

A		control device having spaced apart operating units		74/489	Yasushi
US 5886623 A	19990323	Bicycle display device which displays tire information	340/432	324/160; 340/525	Jinbo; Masahiko et al.
US 5882274 A	19990316	Internally mounted bicycle transmission	475/297	475/298	Shoge; Akihiko
US 5882088 A	19990316	Bicycle hub	301/110.5	301/59	Yahata; Yasuhiro
US 5875687 A	19990302	Protective cap system for bicycle cable	74/502.4	74/502.5	Oda; Hiromi et al.
US 5868043 A	19990209	Bicycle pedal	74/594.6		Ueda; Yutaka
US 5865276 A	19990202	Cantilever brake device	188/24.21	188/24.12	Sugimoto; Masanori
US 5862711 A	19990126	Apparatus for sealing a bicycle control cable	74/502.4	74/501.5R; 74/502.6	Oda; Hiromi
US 5862709 A	19990126	Bicycle shift control device	74/489	74/501.6; 74/502.2	Kageyama; Tomohiko
US 5860880 A	19990119	Low normal bicycle derailleur which allows lateral movement of the chain guide toward the rear wheel in response to a force directed laterally towards the rear wheel	474/77	474/82	Oka; Mitsuo
US 5857932 A	19990112	Cable operated control apparatus	474/82	188/24.22; 74/502.2; 74/502.3	Sugimoto; Masanori
US 5855529 A	19990105	Apparatus for guiding a control cable	474/80	188/24.12; 254/394; 74/502.6	Sugimoto; Masanori

US 5852954 A	19981229	Bicycle crank arm parts/assembly and assembly tools	74/594.1	74/594.2; 81/176.1; 81/436; 81/459	Yamanaka; Masahiro
US D402948 S	19981222	Brake unit for a bicycle	D12/180		Nishimura; Tomohiko
US 5850702 A	19981222	Snowboard boot sole	36/31	36/107; 36/115; 36/117.3	Okajima; Shinpei
US 5848555 A	19981215	Auxiliary shift lever for use with a bicycle shifting device	74/473.13	74/480R; 74/489; 74/544; 74/551.8	Watarai; Etsuyoshi
US 5847641 A	19981208	Bicycle computer	340/432	340/438; 340/456; 340/459; 340/461; 340/601; 340/870.01; 702/142; 702/158	Jinbo; Masahiko
US 5846148 A	19981208	Bicycle front derailleur	474/80		Fujii; Kazuhiro
US 5845543 A	19981208	Bicycle crank arm parts/assembly and assembly tools	74/594.1	74/594.2	Yamanaka; Masahiro
US 5833040 A	19981110	Internal bicycle transmission with a coaster brake	192/217.3	475/297	Hanada; Mitsugu
US 5832782 A	19981110	Brake and shifting device	74/473.13	116/28.1; 192/215; 74/489; 74/502.2	Kawakami; Tatsuya
US 5829563 A	19981103	Internal bicycle transmission with a coaster brake	192/223	192/217.4; 475/298	Shoge; Akihiko
US 5828145 A	19981027	Bicycle generator-containing hub and a lighting	310/67A	310/263; 362/192	Nakamura; Kazunori

		apparatus using the hub			
US 5822889 A	19981020	Bicycles shoes	36/131		Ueda; Yutaka
US 5819880 A	19981013	Bicycle brake shoe holder	188/24.22	188/250G	Ota; Katsuyuki et al.
US 5819600 A	19981013	Bicycle crank arm parts/assembly and assembly tools	74/594.1	74/594.2	Yamanaka; Masahiro
US 5819599 A	19981013	Bicycle crank arm parts/assembly and assembly tools	74/594.1	74/594.2	Yamanaka; Masahiro
US 5819589 A	19981013	Bicycle brake operating device	74/489	74/104; 74/516	Nakashima; Yuji et al.
US 5819440 A	19981013	Back support for a snowboard boot	36/117.1	36/115; 36/88	Okajima; Shinpei
US 5816377 A	19981006	Bicycle freewheel	192/64	192/46	Nakamura; Yasushi
US 5809840 A	19980922	Protective cap system for bicycle cable	74/502.6	74/500.5; 74/501.5R; 74/502.4	Oda; Hiromi et al.
US 5806375 A	19980915	Apparatus for sealing a bicycle control cable	74/501.5R	74/502.4; 74/502.6	Oda; Hiromi
US 5802923 A	19980908	Shifting apparatus for a bicycle	74/473.13	74/489	Hara; Nobukatsu
US 5799544 A	19980901	Apparatus for sealing a bicycle control cable	74/502.4	74/502.6	Oda; Hiromi
US 5799542 A	19980901	Bicycle shift control device	74/489	74/142; 74/473.1; 74/502.2	Yamane; Takuro
US 5788593 A	19980804	Multiple sprocket assembly adapted to	474/160		Tiong; Khoo Kean

		bicycle		345/35; 434/61; 474/81; 482/57; 482/902; 74/489; D12/114	
US 5620384 A	19970415	Front derailleur for a bicycle	474/82	474/123	Kojima; Satoru et al.
US 5618241 A	19970408	Bicycle shifting device	474/80	474/127; 74/489; 74/502.3	Ose; Kenji
US 5617761 A	19970408	Shifting apparatus for a bicycle	74/473.13	74/142; 74/489	Kawakami; Tatuya
US 5609064 A	19970311	Shifting apparatus for a bicycle	74/502.2	116/28.1; 74/489	Abe; Takeo
US 5590564 A	19970107	Bicycle control device	74/473.13	74/108; 74/489; 74/502.2; 74/527	Kishimoto; Hitoshi
US 5579879 A	19961203	One-way clutch	192/45	192/109R	Hasegawa; Kiyoshi
US 5577969 A	19961126	Shifting apparatus for operating front and rear derailleurs with a single manual level	474/78		Watarai; Etsuyoshi
US 5564310 A	19961015	Shifting apparatus for a bicycle having locking members enclosed radially within a takeup element	74/489	74/473.13; 74/502.2	Kishimoto; Hitoshi
US 5562563 A	19961008	Control system for a working apparatus for use on a bicycle	475/298	475/289; 475/312	Shoge; Akihiko
US 5535855	19960716	Bicycle hub	188/24.14	188/26;	Hanada;

A		brake		74/388R	Mitsugu
US 5524734 A	19960611	Brake apparatus for a bicycle which corrects braking force in a region of strong braking force	188/26	188/323	Hanada; Mitsugu
US 5518456 A	19960521	Bicycle derailleur	474/77	474/82	Kojima; Satoru et al.
US 5515946 A	19960514	Brake unit for a bicycle	188/24.21	188/24.12	Sugimoto; Masanori et al.
US 5496222 A	19960305	Front derailleur for a bicycle	474/80		Kojima; Satoru et al.
US 5495920 A	19960305	Braking force adjusting apparatus for a bicycle	188/24.22	188/24.19	Tsuyoshi; Sakashita
US 5029280 A	19910702	ECL circuit for resistance and temperature bus drop compensation	327/540	326/126; 327/513; 327/594	Yee; Loren W. et al.
US 4811215 A	19890307	Instruction execution accelerator for a pipelined digital machine with virtual memory	712/214		Smith; Alan J.
US 4795984 A	19890103	Multi-marker, multi-destination timing signal generator	327/269	327/273; 377/26; 377/39	Janssen; James R.
US 4791314 A	19881213	Oscillation-free, short-circuit protection circuit	326/32	326/56; 326/89; 326/90; 361/101	Kuo; James R. et al.
US 4791313 A	19881213	Bipolar transistor switching enhancement	327/109	327/376; 327/482; 330/156	Kuo; James R. et al.

		circuit			
US 4785178 A	19881115	Dry storage irradiator structure	250/497.1	250/454.11; 250/515.1; 378/64; 976/DIG.353	Lynch; Patrick A. et al.
US 4754412 A	19880628	Arithmetic logic system using the output of a first alu to control the operation of a second alu	708/521	708/201	Deering; Michael F.